

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000308

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D307/60 C08F2/22 C14C11/00 D06M13/10 D21H17/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C08F C14C D06M D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| Y          | PATENT ABSTRACTS OF JAPAN<br>vol. 013, no. 125 (P-847),<br>28 March 1989 (1989-03-28)<br>& JP 63 294557 A (FUJI PHOTO FILM CO LTD),<br>1 December 1988 (1988-12-01)<br>abstract   | 1-18                  |
| Y          | US 6 162 328 A (CENISIO ET AL)<br>19 December 2000 (2000-12-19)<br>column 1, line 16 - line 45<br>column 1, line 58 - line 60<br>column 3, line 60 - column 4, line 41<br>column 6, line 12 - line 51<br>column 10, line 13 - line 15; claims 7-9<br><br>-/-- | 1-18                  |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

18 May 2005

Date of mailing of the international search report

25/05/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| A          | <p>LANDFESTER K: "POLYREACTIONS IN<br/>MINIEMULSIONS"<br/>MACROMOLECULAR: RAPID COMMUNICATIONS,<br/>WILEY VCH, WEINHEIM, DE,<br/>vol. 22, no. 12,<br/>30 August 2001 (2001-08-30), pages<br/>896-936, XP001077169<br/>ISSN: 1022-1336<br/>cited in the application<br/>insbesondere Seite 899, Tabellen 1 und 2<br/>(Seite 920), Spalten 3.2.6, 3.3, 3.5, 3.6,<br/>4.3.1, 4.3.4 und 9., Abbildung 9<br/>the whole document</p>              | 8-17                  |
| A          | <p>EP 0 228 801 A (SEIKO KAGAKU KOGYO CO.,<br/>LTD; HOKUETSU PAPER MILLS, LTD; NIPPON OIL<br/>CO.) 15 July 1987 (1987-07-15)<br/>page 1, paragraph 1<br/>page 2, line 14 - line 22<br/>page 4, line 2 - line 7<br/>page 4, line 23 - page 5, line 7<br/>page 6, line 10 - page 7, line 9<br/>page 9, line 23 - line 29<br/>page 10, line 27 - page 11, line 16<br/>page 12, line 14 - line 28<br/>page 14, line 9 - line 24; claims 1,3</p> | 1-18                  |
| Y          | <p>EP 0 593 075 A (MITSUBISHI OIL COMPANY,<br/>LIMITED) 20 April 1994 (1994-04-20)<br/>cited in the application<br/>page 1, line 3 - line 4<br/>page 2, line 16 - line 23<br/>page 2, line 46 - line 56; claims 1,3,4;<br/>examples</p>   | 1-18                  |
| Y,P        | <p>DE 102 48 879 A1 (BASF AG)<br/>29 April 2004 (2004-04-29)<br/>cited in the application<br/>paragraphs '0001!, '0017!, '0021!,<br/>'0028!; claims; examples</p>   | 1-18                  |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s)  | Publication<br>date  |
|---|----|---------------------|---|--|
| JP 63294557                               | A  | 01-12-1988          | NONE  |  |
| US 6162328                                | A  | 19-12-2000          | AU 9793698 A<br>BR 9812578 A<br>CA 2305444 A1<br>CN 1279736 A<br>EP 1023495 A2<br>ID 25896 A<br>JP 2001518575 T<br>NO 20001662 A<br>PL 339734 A1<br>WO 9916973 A2<br>ZA 9808939 A | 23-04-1999<br>15-01-2002<br>08-04-1999<br>10-01-2001<br>02-08-2000<br>09-11-2000<br>16-10-2001<br>29-05-2000<br>02-01-2001<br>08-04-1999<br>30-03-1999 |
| EP 0228801                                | A  | 15-07-1987          | JP 8006008 B<br>JP 62119255 A<br>DE 3676473 D1<br>EP 0228801 A1   | 24-01-1996<br>30-05-1987<br>07-02-1991<br>15-07-1987   |
| EP 0593075                                | A  | 20-04-1994          | JP 6128896 A<br>CA 2108502 A1<br>EP 0593075 A1<br>US 5391225 A  | 10-05-1994<br>17-04-1994<br>20-04-1994<br>21-02-1995   |
| DE 10248879                               | A1 | 29-04-2004          | AU 2003276081 A1<br>WO 2004037867 A1  | 13-05-2004<br>06-05-2004   |